



CITY OF HOUSTON

Public Works and Engineering
Department

Interoffice

Correspondence

To: Ebi Nassiri, P.E.
Assistant Director
Engineering Branch
Engineering and Construction
Division

From: Interim Managing Engineer
Geo-Environmental Services Branch
Engineering and Construction Division

Date: April 3, 2012

Attn: Melanie Baldwin, P.E.

Subject: **HARDY TEMP LIFT STATION**
9561 West Hardy Road
WBS NO. R-000267-0111-3

Attached are two copies of the asbestos and lead inspection reports for the subject property, prepared by Technology Serving People, Inc. (TSP), the City's consultant for the subject project. The consultant's findings and recommendations are summarized below:

ASBESTOS

Findings:

Approximately six (6) **rubber gaskets** were observed on pump flanges, and they are **Non-Asbestos Containing Materials (ACM)**.

No other suspects of ACM were observed at the facility; therefore, no samples were collected at the facility (See Section 2 of the asbestos inspection report).

Recommendations:

- During the lift station renovation/demolition activities, if gasket materials are discovered and they are not rubber materials, they shall be sampled or assumed to be ACM.
- If the materials are assumed to be ACM, the general contractor should coordinate with an abatement contractor to schedule abatement activities. (See Section 2 of the asbestos survey report).

LEAD

Findings:

A total of two (2) paint chip samples were collected and analyzed for lead content (See Section 3 of the lead inspection report). These samples were analyzed by using the Flame AA Method.

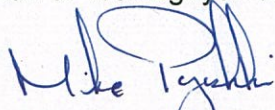
➤ Analytical results for the:

- **Beige** paint on wood cover had **no lead detected**; and
- **Green** paint on metal cover had **no lead detected**.

Recommendations:

- No abatement is required.

If you have any questions, please call me at 832-395-2262 or T.C. Nguyen at 832-395-2258



Mike Pezescki, P.E.

TCNJC
MP:TCN:jc

Z:\constr\A-ENV-SB\Environmental\Asbestos_&_Lead\A&L Assessments\2012\Hardy_Temp_LS.doc

Attachment: Two (2) Asbestos/Lead Inspection Reports

cc: Daniel R. Menendez, P.E.
Ravi Kaleyatodi, P.E., CPM



Technology Serving People, Inc. • Environmental Health & Engineering Services

**Asbestos and Lead Survey
Hardy Temp Lift Station
9561 W. Hardy Rd.
Houston, Texas**

**WBS No. R-000019-0047-4
S-000019-0047-4
Task No. 12-03**

Prepared for:

**The City of Houston Public Works
and Engineering Department
611 Walker, 14th Floor
Houston, Texas 77251-1562**

Inspected:

February 27, 2012

Prepared By:

**Technology Serving People, Inc.
2511 Willowick, Suite 229
Houston, Texas 77027**

Submitted By:

**Bruce D. Peters
Asbestos Consultant TDSHS No. 10-5336**

March 2, 2012

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Section 8	COH Asbestos and Lead Check List

Executive Summary

Technology Serving People, Inc. (TSP) conducted an asbestos and lead survey on February 27, 2012 on the Hardy Temp Lift Station, 9561 W. Hardy Road, Houston, Texas. The lift station consists of a submersible pump in the wet well with discharge piping and valves and a metal cap. The facility has no fencing and is secured by a lock on the MCC Panel board. The panel board was marked as 9415 W. Hardy St. The COH was pulling the pump and cleaning the impellor at the time of the survey so access was limited. There was no information available on the construction date of the plant station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Asbestos Protection Act (TAHPA), Texas Environmental Lead Reduction Rules (TELRR), and National Emissions Standards for Hazardous Air Pollutants (NESHAP). All accessible areas of the lift station were inspected.

EMSL Analytical of Houston, Texas, a State of Texas Licensed Asbestos Laboratory (PLM), and NVLAP Accredited and Accredited NELAP Lead Laboratory, performed the asbestos and lead analyses.

ASBESTOS SUMMARY

Findings:

Rubber flange gasket material was observed on the pump flange and is non-asbestos-containing.

There are only about six (6) gaskets in this lift station and we believe based on observations that they are all rubber gasket materials.

Recommendations:

Break all pipe flanges with non-rubber gaskets; abate any non-rubber gaskets by standard OSHA 1926.1101 methods, bag asbestos waste, and dispose of as asbestos-containing waste. The General Contractor should coordinate with the abatement contractor to schedule abatement activities, if non-rubber gaskets are discovered. The General Contractor may opt to cut out gaskets/flange areas and have the abatement contractor pick-up the pipe segments for disposal.

Cost:

We do not anticipate any asbestos abatement required for this site.

LEAD SUMMARY

Findings:

Two (2) lead paint chip samples were taken of painted materials and piping at the lift station to determine lead content.

The paint samples had no detectable lead levels. OSHA regulations do not apply to workers during demolition or renovation of these materials.

Technology Serving People, Inc.

Recommendations:

The waste water treatment plant is scheduled for renovation. Recycle all metal components including those with lead containing paint.

Cost:

No lead abatement costs associated with this lift station.

Technology Serving People, Inc.

**Asbestos Survey Report
Hardy Temp Lift Station
9561 W. Hardy Road, Houston, Texas**

Technology Serving People, Inc. (TSP) conducted an asbestos survey on February 27, 2012 on the Hardy Temp Lift Station, 9561 W. Hardy Road, Houston, Texas. The lift station consists of a submersible pump in the wet well with discharge piping and valves and a metal cap. The facility has no fencing and is secured by a lock on the MCC Panel board. The panel board was marked as 9415 W. Hardy St. The COH was pulling the pump and cleaning the impeller at the time of the survey so access was limited. There was no information available on the construction date of the plant station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Asbestos Protection Act (TAHPA), and National Emissions Standards for Hazardous Air Pollutants (NESHAP). All accessible areas of the lift station were inspected.

EMSL Analytical of Houston, Texas, a State of Texas Licensed Asbestos Laboratory (PLM), and NVLAP Accredited Laboratory, performed the asbestos analyses.

ASBESTOS SUMMARY

Findings:

Rubber flange gasket material was observed on the pump flange and is non-asbestos-containing.

There are only about six (6) gaskets in this lift station and we believe based on observations that they are all rubber gasket materials.

Recommendations:

Break all pipe flanges with non-rubber gaskets; abate any non-rubber gaskets by standard OSHA 1926.1101 methods, bag asbestos waste, and dispose of as asbestos-containing waste. The General Contractor should coordinate with the abatement contractor to schedule abatement activities, if non-rubber gaskets are discovered. The General Contractor may opt to cut out gaskets/flange areas and have the abatement contractor pick-up the pipe segments for disposal.

Cost:

We do not anticipate any asbestos abatement required for this site.

Technology Serving People, Inc.

**Lead Survey Report
Hardy Temp Lift Station
9561 W. Hardy Road, Houston, Texas**

Technology Serving People, Inc. (TSP) conducted a lead survey on February 27, 2012 on the Hardy Temp Lift Station, 9561 W. Hardy Road, Houston, Texas. The lift station consists of a submersible pump in the wet well with discharge piping and valves and a metal cap. The facility has no fencing and is secured by a lock on the MCC Panel board. The panel board was marked as 9415 W. Hardy St. The COH was pulling the pump and cleaning the impellor at the time of the survey so access was limited. There was no information available on the construction date of the plant station and no COH drawings were available at the time of the survey. Site inspection and bulk material sample collections were conducted using standard protocols specified by the Texas Environmental Lead Reduction Rules (TELRR). All accessible areas of the lift station were inspected.

EMSL Analytical of Houston, Texas, an Accredited NELAP Lead Laboratory, performed the lead analyses.

All samples were collected in a manner that reduced potential for dust release and exposure, using wet sampling methods and personal protective equipment, where necessary. Sampling equipment was wet wiped and decontaminated after each use to prevent cross-contamination of the samples.

Findings:

Two (2) lead paint chip samples were taken of painted materials at the lift station to determine lead content.

Beige on wood MCC cover had no detectable lead. The paint is in general good condition. OSHA regulations do not apply to workers during demolition or renovation.

Recommendations:

The waste water treatment plant is scheduled for renovation. Recycle all metal components including those with lead containing paint.

Cost:

No lead abatement costs associated with this lift station.



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

16120318

EMSL ANALYTICAL, INC.
2001 EAST 52ND STREET
INDIANAPOLIS, IN 46205
PHONE: (317) 803-2997
FAX: (317) 803-3047

Company: <u>TECHNOLOGY SERVING PEOPLE, Inc.</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>2511 WILLOWICK #229</u>		Third Party Billing requires written authorization from third party	
City: <u>HOUSTON</u>	State/Province: <u>TX</u>	Zip/Postal Code: <u>77027</u>	Country: <u>USA</u>
Report To (Name): <u>BRUCE PETERS</u>		Fax #:	
Telephone #: <u>(713) 781-9067</u>		Email Address: <u>ericlebrocg@earthlink.net</u>	
Project Name/Number: <u>HARDY TEMP. L.S.</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken:
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input checked="" type="checkbox"/> 48 Hour
<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week	
*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide			
Matrix	Method	Instrument	Reporting Limit
Chips <input type="checkbox"/> mg/cm ² <input checked="" type="checkbox"/> % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe
*If no box is checked, non-ASTM Wipe is assumed	SW846-6010B or C	ICP-AES	0.5 µg/wipe
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)
Soil	SW846-7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)
Other:		Preservation Method (Water):	
Name of Sampler:		Signature of Sampler:	
Sample #	Location	Volume/Area	Date/Time Sampled
9415-Pb-01	BEIGN WOOD COVER PAINT		
9415-Pb-02	GREEN METAL WET WELL CAP		
Client Sample #'s	9415-Pb-01 - 9415-Pb-02	Total # of Samples:	2
Relinquished (Client):	<u>Bruce Peters</u>	Date:	2/27/12
Received (Lab):	<u>M. Leggett</u>	Date:	2/27/12
Comments:	Rec. K. M. 2/28/12 950 Fx Time: 1:42 pm Time: 1:42 pm		

**EMSL Analytical, Inc.**

2001 East 52nd St., Indianapolis, IN 46205

Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislaboratory@emsl.com

Attn: **Bruce Peters**
TSP, Inc.
2511 Willowick #229
Houston, TX 77027

Fax: (713) 781-9094
Project: **HARDY TEMP. L.S.**

Phone: (713) 781-9067

Customer ID: TESP50
Customer PO:
Received: 02/28/12 9:50 AM
EMSL Order: 161203184
EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	RDL	Lead Concentration	Notes
0001	2/28/2012	0.013 % wt	<0.013 % wt	
<i>Client Sample</i> 9415-Pb-01				<i>Collected:</i>
0002	2/28/2012	0.013 % wt	<0.013 % wt	
<i>Client Sample</i> 9415-Pb-02				<i>Collected:</i>

Initial report from 03/02/2012 08:24:10

Doug Wiegand, Laboratory Manager
or other approved signatory

Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. The QC data associated with these results included in this report meet the method QC requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. * slight modifications to methods applied. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP 157245, OH E10040



Hardy Temp LS MCC and Cover



9415-Pb-01 Wood MCC Cover Paint) <130 ppm



9415-Pb-02 (Lift Station Metal Cover) <130 ppm

TEXAS DEPARTMENT OF STATE HEALTH SERVICES
TECHNOLOGY SERVING PEOPLE INC

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

David Lakey MD

DAVID LAKEY, M.D.
COMMISSIONER OF HEALTH

License Number: 100035

Control Number: 96386

Expiration Date: 2/3/2013

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

Be it known that

TECHNOLOGY SERVING PEOPLE INC

is certified to perform as a

Lead Firm

in the State of Texas and is hereby governed by the rights, privileges and responsibilities set forth in Texas Occupations Code, Chapter 1955 and Title 25, Texas Administrative Code, Chapter 295 relating to Texas Environmental Lead Reduction, as long as this license is not suspended or revoked.

License Number: 2110316

Control Number 6218

Expiration Date: 3/30/2012

(Void After Expiration Date)



*David L. Laakey, M.D.
Commissioner of Health*

**Texas Department of
State Health Services**

Asbestos Individual Consultant

BRUCE D PETERS

License No. 105336

Control No. 96001

Expiration Date: 7/31/2012





**Texas Department of
State Health Services**

Asbestos Inspector

MICHAEL E SOLOMON

License No. 602465

Control No. 96786

Expiration Date: 9/16/2013

Department of State Health Services certifies that

MICHAEL E SOLOMON


is certified as a

Lead Inspector

Certification No: 2060695

Control No: 6175

Expires: 10/18/2013


David L. Lakey, M.D.
Commissioner of Health



**Texas Department of
State Health Services**

Asbestos Project Manager

MICHAEL E SOLOMON

License No. 501049

Control No. 96425

Expiration Date: 9/17/2013



**Texas Department of
State Health Services**

Asbestos Air Monitoring Technician

MICHAEL E SOLOMON

License No. 706184

Control No. 96256

Expiration Date: 9/2/2012



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

EMSL ANALYTICAL INC

is certified to perform as a

**Asbestos Laboratory
PCM, PLM, TEM**

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

A handwritten signature in cursive script, reading "David Lahey, M.D.".

DAVID LAHEY, M.D.
COMMISSIONER OF HEALTH

License Number: 300159

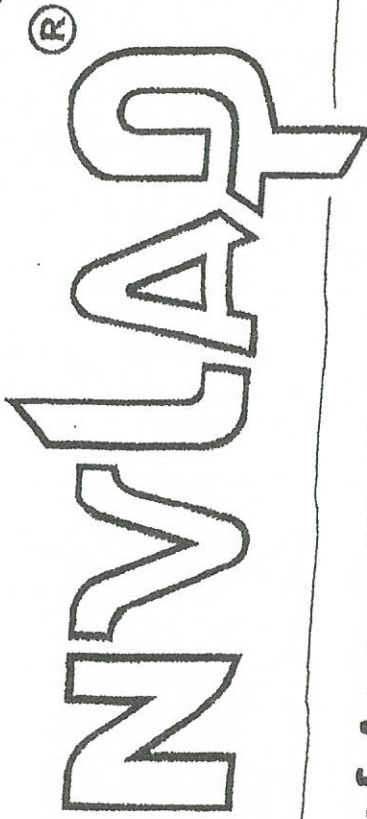
Control Number: 95729

Expiration Date: 7/11/2013

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102106-0

EMSL Analytical, Inc.
Houston, TX

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2011-07-01 through 2012-06-30

Effective dates



Dolly J. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
8700 Jameel Road, Suite 190
Houston, TX 77040
Ms. Melanie Rech
Phone: 713-686-3635 Fax: 713-686-3645
E-Mail: mrech@emsl.com
URL: <http://www/emsl.com/>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 102106-0

NVLAP Code Designation / Description

18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2011-07-01 through 2012-06-30

Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology



AIHA

Laboratory Accreditation
Programs, LLC

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

2001 East 52nd Street, Indianapolis, IN 46205
Laboratory ID: 157245

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- ☒ INDUSTRIAL HYGIENE
 - ☒ ENVIRONMENTAL LEAD
 - ☒ ENVIRONMENTAL MICROBIOLOGY
 - ☐ FOOD
- Accreditation Expires: 02/01/2013
Accreditation Expires: 02/01/2013
Accreditation Expires: 02/01/2013
Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Christine Powell

Christine Powell

Chairperson, Analytical Accreditation Board

Revision 10: 01/13/2011

Cheryl O. Morton

Cheryl O. Morton

Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 02/01/2011

AIHA

Laboratory Accreditation
Programs, LLC

AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
2001 East 52nd Street, Indianapolis, IN 46205

Laboratory ID: 157245
Issue Date: 02/01/2011

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 09/01/2002

Field of Testing (FoT)	Method	Method Description (for internal methods only)
Airborne Dust	NIOSH 7082	
Paint	EPA SW-846 3050B	
	EPA SW-846 7420	
Settled Dust by Wipe	EPA SW-846 3050B	
	EPA SW-846 7420	
Soil	EPA SW-846 3050B	
	EPA SW-846 7420	

The laboratory participates in the following AIHA-LAP, LLC-
approved proficiency testing programs:

- ✓ Paint
- ✓ Soil
- ✓ Settled Dust by Wipe
- ✓ Airborne Dust

Technology Serving People, Inc.

**Asbestos Hazards Characterization (AHC) List
Hardy Temp Lift Station
9561 W. Hardy Road, Houston, Texas**

No samples collected. All non-rubber gasket materials shall be assumed to be asbestos-containing and should be abated by standard methods per OSHA 1926.1101 requirements. Based on observations, we believe all gaskets are rubber.

Lead Hazards Characterization (LHC) List
Hardy Temp Lift Station
9561 W. Hardy Road, Houston, Texas

<u>Sample/Material</u>	<u>Lead Content</u>	<u>LHC</u>
9415-PB-01 (Beige on Wood Cover)	<0.013 % wt (Below Detection Limit)	A- Allowable Lead
9415-PB-02 (Green on Metal Cover)	<0.013 % wt (Below Detection Limit)	A- Allowable Lead

CHECK LIST FOR ASBESTOS SURVEYS

NAME OF THE FACILITY: HARDY TEMP LIFT STATION
FACILITY ADDRESS: 9561 W. HARDY ROAD
DATE OF SURVEY: _____ CONSULTANT: TECHNOLOGY SERVING PEOPLE, Inc.
INSPECTOR(S) NAME: BRUCE PETERS

Note: Items/information listed below must be included in the report. Use this check list to ensure completeness of your report. Mark "X" or "check" in front of the information included in the report. Submit completed check list with the report. If a facility is surveyed for asbestos and lead, the surveys shall be segregated in one binder or preferably two separate reports.

1. ☒ Date and Contract number of the survey.
2. ☒ Scope of work.
3. ☒ Copy of the Inspector(s) TDH License.
4. ☒ Name and Address of the building.
5. ☒ Statement...if building records were used in the inspection and if not, Why?
6. ☒ Date of construction and last renovation (if any) of the building.
7. ☒ Cover letter (in report) contain executive summary or executive summary begin the report format.
8. ☒ List of areas that were not inspected. Explain.
9. ☒ Procedures and protocols used to collect bulk samples.
10. ☒ List of measures taken to prevent potential fiber release from locations where samples were extracted.
11. ☒ Drawings and photographs with sample locations marked to facilitate future location of materials sampled.
12. ☒ Statement...if an accredited (NVLAP) laboratory was used for Sample Analysis.
13. ☒ Copy of the Laboratory accreditation certificate.
14. ☒ Copy of the laboratory analysis results of the bulk samples.
15. ☒ Statement (by the laboratory) regarding Quality Assurance and Quality Control performed.
16. ☒ Copy of the chain of custody form for the bulk samples.
17. ☒ List of materials assumed to be containing asbestos.
18. ☒ City of Houston Asbestos Hazard Categorization (AHC) list and categorization of all the samples according to the AHC list included in the report.
19. ☒ Condition of the building structure such as deterioration, structural problems, or other damages.

If Asbestos Present:

20. NA Statement...if repeat analysis using point counting with PLM was done as required by the city for

ASBESTOS CHECKLIST

Page 2

21. ☒ Photographs of all Materials proven to be ACM are included.
23. ☒ All asbestos containing materials are classified as Friable or Non-Friable.
24. ☒ Recommendations are made for all Asbestos Containing Materials.
25. ☒ Reasonably accurate quantities of ACM's are estimated and given in the report.
26. ☒ Cost estimations are given for abatement.
27. NA Operation and Maintenance Plans are recommended.

Signed: Bruce Peters
Name: Bruce PETERS
Title: ASBESTOS CONSULTANT

CHECK LIST FOR LEAD SURVEYS

NAME OF THE FACILITY: HARDY TEMP LIFT STATION

FACILITY ADDRESS: 9561 W. HARDY ROAD

DATE OF THE SURVEY: _____ CONSULTANT: TECHNOLOGY SERVING PEOPLE, INC.

INSPECTOR(S) NAME: MIKE SOLOMON

Note: Items/information listed below must be included in the report. Use this check list to ensure completeness of your report. Mark "X" or "check" in front of the information included in the report. Submit completed check list with the report. If a facility is surveyed for lead and asbestos, the survey reports shall be segregated in one binder or preferably two separate reports.

1. NA Statement... if "HUD Guidelines for Evaluation and Control of Lead Based Paint in Housing" or any other criteria was followed for the survey.
2. ✓ Date and Contract number of the survey.
3. ✓ Scope of the work.
4. ✓ Copy of the Inspector (s) TDH Certificate.
5. ✓ Name and Address of the building.
6. ✓ Statement... if building records were used in the inspection, and if not, Why?
7. ✓ Cover letter (in report) containing executive summary or executive summary at the beginning of the report format.
8. ✓ Date of construction and last renovation (if any) of the building.
9. ✓ List of areas that were not inspected. Explain.
10. ✓ Condition of the building structure such as deterioration, structural problems or other damages.
11. ✓ List of components assumed to have lead based paint or coating, if any.
12. ✓ City of Houston Lead Hazard Categorization (LHC) list and categorization of all the samples according to the LHC list included in the report.

If XRF Analyzer Used:

13. NA Performance Characteristics Sheet (PCS) for the XRF equipment/s used.
14. NA Calibration Check Test Results (Form 7.2, HUD Guidelines, or equivalent).
15. NA Statement...if HUD Guidelines were followed for Calibration Check Test of the XRF equipment and replacement XRF equipment, if used.
16. NA Installation date and type of source for XRF equipment and replacement equipment, if used.
17. NA Drawings and photographs with XRF reading locations marked to facilitate future location of XRF readings.

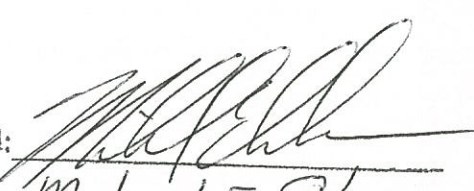
If Samples Taken For Laboratory Analysis:

18. ✓ Procedures and protocols used to collect paint chip samples.

19. ☒ Copy of the chain of custody form for samples.
20. ☒ Statement ...if an accredited (NLLAP/ELLAP) laboratory was used for Sample Analysis.
21. ☒ Copy of the Laboratory accreditation certificate.
22. ☒ Copy of the laboratory analysis results of the paint chip samples and other PbCMs.
23. ☒ Statement (by the laboratory) regarding Quality Assurance and Quality Control performed.
24. ☒ Drawings and photographs with sample locations marked to facilitate future location of coating materials sampled.

If Lead Found:

25. ☒ Photographs of all component areas proven to have lead.
26. ☒ Recommendations for all components proven to have lead based paint or coatings.
27. NA Recommendations for Operation and Maintenance Plans.
28. NA Estimated quantities of Lead Containing Materials.
29. NA Cost estimations for abatement.

Signed: 

Name: Michael E. Solomon

Title: Lead Inspector